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JP8229355A: EXHAUST GAS PURIFYING CATALYST

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Application Number: **JP1995000042968**

IPC Class: **B01D 053/94; B01J 023/58; B01J 023/656; B01J 023/89; B01J 029/072; F01N 003/10;**

Abstract: **Purpose:** To improve NOx purifying performance in a lean atmosphere and to sufficiently show the function as a ternary catalyst.

Constitution: At least one kind of a metal selected from a group composed of platinum, rhodium and palladium and a perovskite oxide expressed by a following formula are carried on a fire resistant inorganic carrier. $La_{1-x}A_xBO_3$ (In the formula, $0 < x < 1$, A is calcium or barium, B is one kind of a metal selected from a group composed of cobalt, iron, manganese and nickel.) And the catalyst is composed of a catalyst layer A containing the perovskite oxide and a catalyst layer B containing at least one kind of metal selected from a group composed of platinum, rhodium and palladium.

Further, at least two catalysts are disposed in the engine exhaust gas flow, a copper-carried zeolite- containing catalyst is arranged in the upstream side of the exhaust gas flow and the above mentioned catalyst is arranged in the downstream.

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Foreign References: none

(No patents reference this one)

